AP4 Rec'd PCTAPTO 19 DEC 2005

FORM PTO-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE (REV. 7-2005)

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) **CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

A-9800 U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/561433

INTERNATIONAL A	APPLICATION	NO.
PCT/D	E04/00115	

PCT/DE04/00115			02 June 2004 (02.06.04)	17 June 2003 (17.06.03)				
TITLE OF INVENTION								
Device with a Heat Source Formed by a Function Element that is to be Cooled, at Least One Heat Sink, and at Least One								
Intermediate Layer Located Between the Heat Source and the Heat Sipk PE								
APPL	ICAN'	IT(S) FOR DO/EO/US						
Jurgen Schulz-Harder and Ernst Hammel DEC 1 9 2005								
DEC 1 0 1005 Mg								
Applicant herewith submits to the United States Designated/Elected Office QO/EO/US) the ollowing items and other information:								
1.	Ø	This is a FIRST submission of items	concerning a submission under 35 U.S.C. 3	371 .				
2.								
3.	×							
4.	\boxtimes							
5.	\boxtimes	A copy of the International Application	on as filed (35 U.S.C. 371 (c)(2))					
		a. is attached hereto (required	d only if not communicated by the Internation	nal Bureau).				
		b. 🗵 has been communicated b	y the International Bureau.	•				
		c. is not required, as the appl	ication was filed in the United States Receiv	ing Office (RO/US).				
6.	\boxtimes	An English language translation of the	ne International Application as filed (35 U.S.	C. 371(c)(2)).				
		a. 🖾 is attached hereto.						
		b. has been previously submitted under 35 U.S.C. 154(d)(4).						
7.		Amendments to the claims of the Int	ernational Application under PCT Article 19	(35 U.S.C. 371 (c)(3))				
		a. are attached hereto (require	ed only if not communicated by the Internati	onal Bureau).				
		b. have been communicated	by the International Bureau.	·				
		c. have not been made; howe	ever, the time limit for making such amendm	ents has NOT expired.				
	-	d. have not been made and w	vill not be made.					
8.		An English language translation of the	ne amendments to the claims under PCT Ar	ticle 19 (35 U.S.C. 371(c)(3)).				
9.	\boxtimes							
10.		An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).						
11.		A copy of the International Preliminary Examination Report (PCT/IPEA/409).						
12.	\boxtimes	A copy of the International Search R	eport (PCT/ISA/210).					
Items 13 to 23 below concern document(s) or information included:								
13.	\boxtimes	An Information Disclosure Statemer	nt under 37 CFR 1.97 and 1.98.					
14.		An assignment document for recordi	ng. A separate cover sheet in compliance v	vith 37 CFR 3.28 and 3.31 is included.				
15.	\boxtimes							
16.								
17.	\boxtimes							
18.		•						
19.								
20.								
21.		A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).						
22.	2. Express Mail Label No.							

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PTO-1390 (Rev. 07-2005)
Approved for use through 3/31/2007. OMB 0651-0021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION	NO (if known, see 3	7 CFR 1.5	INTERNATIONAL A	APPLI	CATION N	o.	ATTORNEY'S DOCK	ET NUMBER
10/561433		PCT/DE0	PCT/DE04/00115			A-9800		
23. Other items or information:								
The following	fees have been s	ubmittad:					CALCULATIONS	PTO USE
						\$300	\$ \$300.00	
25. 🖾 Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article \$0						\$ \$200.00		
26. Search fee (37 CFR 1.492(b)) If the written opinionof the ISA/US or the International preliminary examination report by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the as an International Searching Authority					\$100 e	\$ \$400.00		
	OF 24, 25 and					\$300	\$ \$900.00	
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. Total Sheets Extra Sheets Number of each additional 50 or fraction thereof (round up to a whole								
- 100 =	0 /50 =		0		× \$25	0.00	\$ \$0.00	
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).					\$			
CLAIMS	NUMBER F	T I	NUMBER EXTRA		RATE			
Total claims	52	- 20 =	32	×	\$5	0.00	\$ \$1,600.00	
Independent clair	ms 2	- 3=	0	x	\$20	0.00	\$ \$0.00	
MULTIPLE DEPE	ENDENT CLAIMS	(if applica	ble)	+	\$3 <i>6</i>	0.00	\$ \$0.00	
TOTAL OF ABOVE CALCULATIONS =					\$ \$2,500.00			
Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.					\$ \$1,250.00			
SUBTOTAL =					\$ \$1,250.00			
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				\$ \$0.00				
TOTAL NATIONAL FEE =				\$ \$1,250.00				
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +				\$ \$0.00				
TOTAL FEES ENCLOSED =				\$ \$1,250.00				
							Amount to be	\$
							Amount to be	\$

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a. 🛛 A check in the amount of \$ \$1,250.	to cover the above fees is enclosed.				
 b. Please charge my Deposit Account No. A duplicate copy of this sheet is enclose 		to cover the above fees.			
c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No08-2455 A duplicate copy of this sheet is enclosed.					
d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.					
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive 37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.					
SEND ALL CORRESPONDENCE TO:	XHLUrait !. 1.				
Stewart L. Gitler, Esq.	SIGNATURE				
Hoffman, Wasson & Gitler, P.C.	Stewart L. Gitle	r			
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703.415.0100	REGISTRATION N	UMBER			
Customer No. 20741	12-19-05				
	DATE	DATE			